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Go

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Finding cDNAs

Hs#S1730455 807 bp *Homo sapiens* UniGene [Hs.28914](#)**Homo sapiens adenine phosphoribosyltransferase (APRT), transcript variant 1, mRNA****SEQUENCE INFORMATION**GenBank entry: [NM_000485.2](#)

Sequence length: 807 bp

Product: [PID_g4502171](#) - adenine phosphoribosyltransferase isoform a**FEATURES****CDS** (+) 36 ... 578 Product: adenine phosphoribosyltransferase isoform a
See protein sequence [PID:g4502171](#)**prot_sim** (+) 1 ... 180 [NP_001013079.1 Rattus norvegicus](#)
86.67% identity (312 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 1 ... 180 [XP_001366419.1 Monodelphis domestica](#)
73.89% identity (273 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 23 ... 210 [XP_368587.1 Magnaporthe grisea](#)
43.92% identity (153 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 14 ... 178 [XP_451589.1 Kluyveromyces lactis](#)
44.58% identity (139 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 1 ... 179 [XP_001691572.1 Chlamydomonas reinhardtii](#)
39.56% identity (135 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 8 ... 182 [XP_001769439.1 Physcomitrella patens](#)
44.38% identity (162 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 14 ... 179 [NP_985181.1 Eremothecium gossypii](#)
47.31% identity (145 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 9 ... 182 [NP_193988.1 Arabidopsis thaliana](#)
44.63% identity (153 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 2 ... 184 [NP_001059653.1 Oryza sativa](#)
41.94% identity (147 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 27 ... 211 [NP_001105243.1 Zea mays](#)
43.92% identity (142 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 1 ... 184 [NP_594433.1 Schizosaccharomyces pombe](#)
44.09% identity (147 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 5 ... 178 [NP_013690.1 Saccharomyces cerevisiae](#)
46.29% identity (149 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 4 ... 168 [XP_963727.2 Neurospora crassa](#)
46.39% identity (152 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 2 ... 177 [XP_776085.1 Filobasidiella neoformans](#)
42.94% identity (147 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 7 ... 166 [XP_001442021.1 Paramecium tetraurelia](#)
45.73% identity (143 bits) [[Blast](#) | [ProtEST](#)]**prot_sim** (+) 10 ... 176 [XP_001008197.1 Tetrahymena thermophila](#)**EXHIBIT**

3a

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42.94% identity (145 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 13 ... 183 [NP_491663.1](#) *Caenorhabditis elegans*
45.93% identity (149 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 5 ... 179 [XP_968297.1](#) *Tribolium castaneum*
44.44% identity (149 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 3 ... 180 [XP_001664324.1](#) *Aedes aegypti*
43.02% identity (146 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 171 [XP_315739.2](#) *Anopheles gambiae*
41.28% identity (130 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 3 ... 180 [XP_001843437.1](#) *Culex quinquefasciatus*
44.69% identity (145 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 2 ... 172 [NP_476637.1](#) *Drosophila melanogaster*
46.51% identity (151 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 4 ... 177 [XP_397043.2](#) *Apis mellifera*
48.31% identity (168 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 11 ... 181 [XP_001202862.1](#) *Strongylocentrotus purpuratus*
49.42% identity (181 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 177 [XP_001331572.1](#) *Danio rerio*
55.87% identity (200 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [NP_001007941.1](#) *Xenopus tropicalis*
62.98% identity (229 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 29 ... 181 [XP_001511761.1](#) *Ornithorhynchus anatinus*
68.63% identity (223 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [XP_001089867.1](#) *Macaca mulatta*
95.56% identity (343 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [XP_001138089.1](#) *Pan troglodytes*
100% identity (356 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [NP_000476.1](#) *Homo sapiens*
100% identity (356 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [XP_536752.2](#) *Canis lupus familiaris*
85.56% identity (310 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 7 ... 134 [XP_001488102.1](#) *Equus caballus*
89.06% identity (228 bits) [[Blast](#) | [ProtEST](#)]
prot_sim (+) 1 ... 180 [NP_001020505.1](#) *Bos taurus*
86.67% identity (311 bits) [[Blast](#) | [ProtEST](#)]

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3b

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